

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Shigeru KURAMOTO, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: TITANIUM ALLOY AND PROCESS FOR PRODUCING THE SAME

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).
- ☐ A credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).
- ☐ A credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
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DOCKET NO.: 242926US0

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Shigeru KURAMOTO, et al.

SERIAL NO: New Application

FILED: HEREWITH

FOR: TITANIUM ALLOY AND PROCESS FOR PRODUCING THE SAME

**STATEMENT OF RELEVANCY**

**Reference AO on Form PTO-1449:**

The concise explanation is written on pages 2 and 3 of the specification.

**Reference AP on Form PTO-1449:**

The concise explanation is written on pages 2 and 3 of the specification.

**Reference AQ on Form PTO-1449:**

The concise explanation is written on pages 2 and 3 of the specification.

**Reference AR on Form PTO-1449:**

The concise explanation is written on pages 2 and 3 of the specification.

**Reference AS on Form PTO-1449:**

The concise explanation is written on page 2 of the specification.

**Reference AT on Form PTO-1449:**

The concise explanation is written on page 2 of the specification.

**Reference AU on Form PTO-1449:**

The concise explanation is written on page 2 of the specification.

**Reference AV on Form PTO-1449:**

The concise explanation is written on page 2 of the specification.

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**STATEMENT OF RELEVANCY**

**Reference AW on Form PTO-1449:**

The concise explanation is written on page 2 of the specification.

**Reference AX on Form PTO-1449:**

The concise explanation is written on page 2 of the specification.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>242926US0</b>		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Shigeru KURAMOTO, et al.			
				FILING DATE Herewith		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                  NO		
	AO	8-224327	09/03/96	Japan (with English Abstract and Japanese Patent No. 2999387)		X	
	AP	2000-204425	07/25/00	Japan (with English Abstract)		X	
	AQ	9-322951	12/16/97	Japan (with English Abstract)		X	
	AR	7-292429	11/07/95	Japan (with English Abstract)		X	
	AS	7-252618	10/03/95	Japan (with English Abstract)		X	
	AT	9-209099	08/12/97	Japan (with English Abstract)		X	
	AU	10-94804	04/14/98	Japan (with English Abstract)		X	
	AV	10-265876	10/06/98	Japan (with English Abstract)		X	
	AW	11-61297	03/05/99	Japan (with English Abstract)		X	
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AX	Z. Liu, et al. "Effects of Oxygen and Heat Treatment on the Mechanical Properties of Alpha and Beta Titanium Alloys", METALLURGICAL TRANSACTIONS A, Vol. 19A, March 1998, pgs. 527-542					
	AY						
	AZ						
					<input type="checkbox"/> Additional References sheet(s) attached		
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							